



IFWO

## RAW SEQUENCE LISTING

DATE: 04/20/2006

PATENT APPLICATION: US/10/540,305

TIME: 09:53:31

Input Set : E:\17225pct.ST25.txt

Output Set : N:\CRF4\04202006\J540305.raw

3 <110> APPLICANT: Kerek, Franz  
 5 <120> TITLE OF INVENTION: PEPTIDE WITH A HIGH CYSTEINE CONTENT  
 7 <130> FILE REFERENCE: JCLA17225  
 9 <140> CURRENT APPLICATION NUMBER: 10/540,305  
 10 <141> CURRENT FILING DATE: 2005-06-20  
 12 <150> PRIOR APPLICATION NUMBER: PCT/DE2003/004228  
 13 <151> PRIOR FILING DATE: 2003-12-20  
 15 <150> PRIOR APPLICATION NUMBER: DE 102 60 537.8  
 16 <151> PRIOR FILING DATE: 2002-12-21  
 18 <160> NUMBER OF SEQ ID NOS: 14  
 20 <170> SOFTWARE: PatentIn version 3.3  
 22 <210> SEQ ID NO: 1  
 23 <211> LENGTH: 46  
 24 <212> TYPE: PRT  
 25 <213> ORGANISM: Helleborus purpurascens  
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 30 1 5 10 15  
 33 Arg Phe Thr Gly Gly Ser Gln Pro Thr Cys Gly Arg Leu Cys Asp Cys  
 34 20 25 30  
 37 Ile His Val Thr Thr Thr Cys Pro Ser Ser His Pro Ser  
 38 35 40 45  
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 42 <211> LENGTH: 46  
 43 <212> TYPE: PRT  
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 46 <400> SEQUENCE: 2  
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 57 35 40 45  
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 62 <212> TYPE: PRT  
 63 <213> ORGANISM: Helleborus purpurascens  
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 71 Arg Phe Thr Gly Gly Ser Gln Pro Thr Cys Gly Arg Leu Cys Asp Cys  
 72 20 25 30  
 75 Ile His Val Thr Thr Thr Thr Cys Pro Ser Ser His Pro Ser

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99 <211> LENGTH: 46
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113 Ile His Val Thr Thr Pro Thr Cys Pro Ser Ser His Pro Arg
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156 <211> LENGTH: 46
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158 <213> ORGANISM: Helleborus purpurascens

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160 <400> SEQUENCE: 8
162 Lys Ser Cys Cys Arg Asn Thr Leu Gly Arg Asn Cys Tyr Asn Ala Cys
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189 Ile His Val Thr Thr Thr Thr Cys Pro Ser Ser His Pro Ser
190 35 40 45
193 <210> SEQ ID NO: 10
194 <211> LENGTH: 48
195 <212> TYPE: PRT
196 <213> ORGANISM: Helleborus purpurascens
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204 Arg Leu Thr Gly Leu Phe Ser Gln Glu Gln Cys Ala Arg Leu Cys Asp
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239 <222> LOCATION: (1)..(2)
240 <223> OTHER INFORMATION: Xaa can be any naturally occurring amino acid
242 <220> FEATURE:

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Input Set : E:\17225pct.ST25.txt

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245 <223> OTHER INFORMATION: Xaa can be any naturally occurring amino acid
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250 <223> OTHER INFORMATION: Xaa can be any naturally occurring amino acid
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304 <222> LOCATION: (1)..(2)
305 <223> OTHER INFORMATION: Xaa can be any naturally occurring amino acid
307 <220> FEATURE:
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Input Set : E:\17225pct.ST25.txt

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312 <220> FEATURE:
313 <221> NAME/KEY: misc_feature
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344 <222> LOCATION: (41)..(46)
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369 <222> LOCATION: (1)..(2)
370 <223> OTHER INFORMATION: Xaa can be any naturally occurring amino acid
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373 <221> NAME/KEY: misc_feature
374 <222> LOCATION: (5)..(11)
375 <223> OTHER INFORMATION: Xaa can be any naturally occurring amino acid
377 <220> FEATURE:

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RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/10/540,305

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Input Set : E:\17225pct.ST25.txt  
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:12; Xaa Pos. ~~1,2,5,6,7,8,9,10,11,13,14,15,17,18,19,20,21,22,24,25,27~~  
Seq#:12; Xaa Pos. ~~28,29,31,33,34,35,36,37,38,39,41,42,43,44,45,46~~  
Seq#:13; Xaa Pos. ~~1,2,5,6,7,8,9,10,11,13,14,15,17,18,19,20,21,22,23,24,25~~  
Seq#:13; Xaa Pos. ~~27,28,29,31,33,34,35,36,38,39,41,42,43,44,45,46~~  
Seq#:14; Xaa Pos. ~~1,2,5,6,7,8,9,10,11,13,14,15,17,18,19,20,21,22,23,24,25~~  
Seq#:14; Xaa Pos. 26,28,29,30,32,34,35,36,37,38,39,40,41,43,44,45,46,47,48

## VERIFICATION SUMMARY

DATE: 04/20/2006

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Input Set : E:\17225pct.ST25.txt

Output Set: N:\CRF4\04202006\J540305.raw

L:284 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12 after pos.:0  
L:288 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12 after pos.:16  
L:292 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12 after pos.:32  
L:349 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:0  
L:353 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:16  
L:357 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:32  
L:409 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14 after pos.:0  
L:413 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14 after pos.:16  
L:417 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14 after pos.:32